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Air Compliance - Reports, Notifications and Other Non-Certified Compliance Correspondence

version 11.9

(Submission #: HPA-S32B-Y3BZT, version 1)

Details

Submitted 8/6/2021 (103 days ago) by Shannon Lynn
AFIN 03-00002
Reference # 0544-AR-16
Submission ID HPA-S32B-Y3BZT
Submission Reason Report
Status Closed

Form Input

General Information

Enter the AFIN for the facility (##-#####)

03-00002

Indicate the Type of Report Being Submitted

Final Stack Test Report

Report

[February 25th Scrubber Test Data.pdf - 08/06/2021 03:28 PM](#)

Comment

On July 13, 2021, Baxter submitted a report to DEQ referring to prior test data that confirmed the scrubber's destruction efficiency of over 99%. Baxter performed this performance testing beginning on February 25, 2020. This testing was done as part of the voluntary process emissions testing and therefore did not result in a formal report. The information we have from the test is being submitted via the ePortal.

Attachments

Date	Attachment Name	Context	User
8/6/2021 3:28 PM	February 25th Scrubber Test Data.pdf	Attachment	Shannon Lynn

Status History

	User	Processing Status
8/6/2021 3:27:21 PM	Shannon Lynn	Draft
8/6/2021 3:31:36 PM	Shannon Lynn	Submitting
8/6/2021 3:31:49 PM	Shannon Lynn	Submitted
8/9/2021 1:35:28 PM	Brent Day	Closed

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Submit Form	Shannon Lynn	8/6/2021 3:31:48 PM
Insert Correct Template (Compliance Admin Analyst)	Hannah Gage	8/9/2021 8:29:15 AM
Assign All Air Compliance General Routing Workflow Steps and Assign the Submission (Compliance Admin Analyst)	Hannah Gage	8/9/2021 8:29:18 AM
In the Submission Identification Section: Enter the Permit # as the Reference # (If Applicable) and Replace the Description with the Facility/Entity Name (Compliance Admin Analyst)	Hannah Gage	8/9/2021 8:29:20 AM
ZyPrint Submission (Compliance Admin Analyst)	Trayc Welborn	8/9/2021 8:42:38 AM
Enter the ZyLab Fname for the Copy of Record in the Notes (Admin Specialist)	Trayc Welborn	8/9/2021 9:50:13 AM
Review Submission (Inspector)	Bryant Lamb	8/9/2021 10:25:52 AM
Review Submission (Inspector Supervisor)	Brent Day	8/9/2021 1:34:52 PM
Delete Attachments and Then Complete This Step to Change the Submission Status to "Closed" (Inspector Supervisor)	Brent Day	8/9/2021 1:35:28 PM

Diagnostic SCV Scrubber/AAT Performance Testing					Outlet of AAT			Inlet of AAT			
Date	Run ID	Vessel(s)	Start Time	Stop Time	ppm	lbs/hr	Scrubber DRE	ppm	lbs/hr	Scrubber DRE	Flow Rate Out of AAT DSCFM
25-Feb	1	2	2131	2201	0.5	0.021	99.96%	0.61	0.026	99.95%	6224
25-Feb	2	6	2250	2335	0.48	0.021	99.96%	1.3	0.056	99.90%	6224
25-Feb	3	4+5	2335	2402	0.52	0.021	99.99%	3.9	0.172	99.89%	6224
				averages	0.500	0.021	99.970%	1.94	0.0847	99.913%	6224.0
Date	Run ID	Vessel	Volume (CF)	Chamber % Evacuated	lbs EO used						
25-Feb	1	2	692.3	82.26%	26.5						
25-Feb	2	6	1398.2	87.27%	50.5						
25-Feb	3	4	692.3	86.36%	27.3						
25-Feb	3	5	1398.2	86.36%	55.0						

Diagnostic SCV Scrubber/AAT Performance Testing					Outlet of AAT			Inlet of AAT			
Date	Run ID	Vessel(s)	Start Time	Stop Time	ppm	lbs/hr	Scrubber DRE	ppm	lbs/hr	Scrubber DRE	Flow Rate Out of AAT DSCFM
26-Feb	1	2+4	1503	1545	0.345	0.013	99.99%	0.835	0.035	99.98%	6302
26-Feb	2	1+3	1546	1620	0.401	0.017	99.98%	3.947	0.175	99.78%	6304
26-Feb	3	5	1632	1718	0.386	0.017	99.99%	6.126	0.268	99.85%	6296
				averages	0.377	0.015667	99.987%	3.64	0.1593	99.870%	6300.7
Date	Run ID	Vessel	Volume (CF)	Chamber % Evacuated	lbs EO used						
26-Feb	1	2	692.3	86.26%	156.5						
26-Feb	1	4	692.3	45.30%	36.1						
26-Feb	2	1	692.3	86.26%	26.3						
26-Feb	2	3	692.3	86.25%	27.4						
26-Feb	3	5	1398.2	77.74%	172.3						